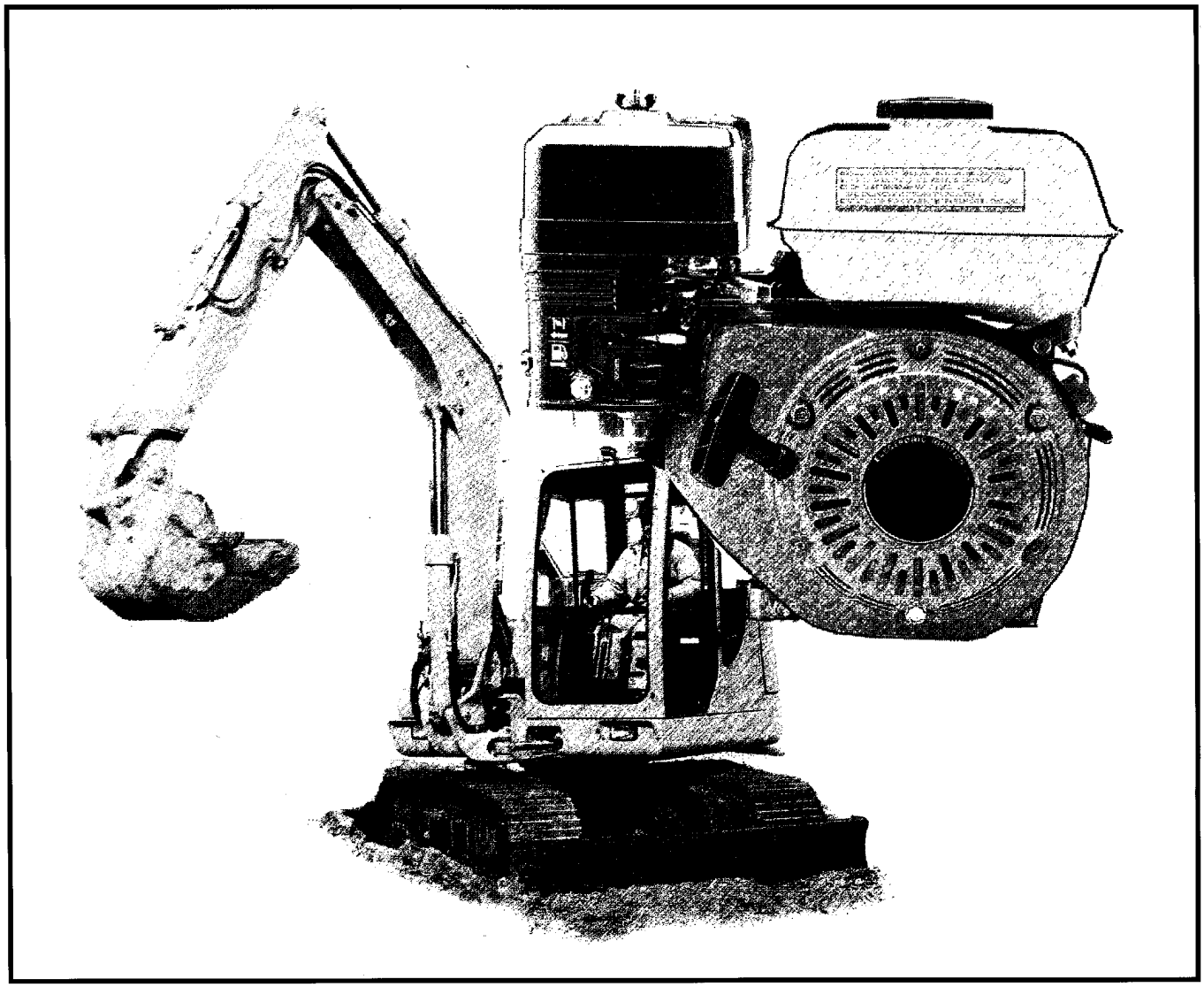

# Schedule of Average Annual Equipment Ownership Expense

**January 1, 2001**

Illinois Department of Transportation

The “Schedule of Average Annual Equipment Ownership Expense” is designed for use on Force Account bills of Contractors performing work for the Illinois Department of Transportation and local government agencies who choose to adopt these rates. This schedule is also to be used in determining appropriate rates utilized by the Illinois Department of Transportation and other state agencies with various local government agencies.

These rates are not intended to be specified as the basis for any rental transactions or contractual agreements, or as the basis on which transactions or negotiations can or will be conducted.

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## INTRODUCTION

This schedule contains the expense rates for some of the more common items of Contractor's equipment. The rates replace the rates given in the schedule dated January 1, 2000.

The following policies shall be used in applying these rates:

**1) Computing rates for equipment listed in this schedule.**

a) Normal operations

Rates shall not exceed the expense rates given in this schedule for equipment listed.

b) Idled equipment

Rates for claims shall be referred to the Central Bureau of Construction for appropriate adjustment to established rates. (see Appendix A)

**2) Computing expense rates for equipment which is not listed in this schedule.**

Questions concerning rates not listed in this schedule should be directed in writing using BC 2370 – Equipment Expense Rate Data (located at end of rate book) from the District Engineer to the Bureau of Construction Small tools.

Individual pieces of equipment not listed in this schedule and having a replacement value of $1,000 or less shall be considered to be tools or small equipment and no payment will be made for their use on the work. Compensation will be allowed for actual cost of consumables (oxygen, acetylene, propane, etc.) used by small tools.

**3) Operating Costs.**

a) Standard operating costs for routine servicing and repair, service and lube labor, fuel, lubricants, filters, tires, tire service, lube trucks, etc., are all included in the rates in this schedule. No additional compensation for ordinary operating expenses will be allowed.

**4) Equipment owned by Contractor.**

a) Equipment on jobsite

The calendar month is that period from any day of such month that the equipment is first used to the corresponding day of the next month.

When the scheduled rate is based on watts (horsepower), the reference is always to flywheel watts (horsepower), net flywheel watts (horsepower), or net engine watts (horsepower).

When the schedule refers to GVW (gross vehicle weight), GVW equals the rated weight of the tractor with payload, not to exceed the legal load limit

The time paid for shall be the period that the equipment is in operation on the force account work, and in addition shall include traveling time to the locations of the force account work when the equipment is moved under its own power. In rare instances, such as the transportation of a crane having a long boom, it may be necessary for the machine to be in operation while being transported to the location of the force account work, in which case the time paid for shall include the time operated during transportation. Loading and transportation costs will be allowed when equipment is moved through means rather than its own power, but payment time for equipment so

moved shall be restricted to actual operating time on the work, except as noted in the preceding sentence.

b) Equipment not on jobsite

Same as (a) except that minimum total operating time paid for on the work shall be not less than four hours.

**5) Equipment rented by the Contractor.**

a) Whenever it is necessary for the Contractor to rent equipment elsewhere, he shall be paid the rental and transportation cost of such equipment to which 5% shall be added. **THE RENTAL RATES MAY NOT EXCEED THOSE ALLOWABLE FOR EQUIPMENT OWNED BY THE CONTRACTOR UNLESS FIRST APPROVED IN WRITING BY THE ENGINEER BEFORE THE WORK IS STARTED.** IN NO CASE SHALL THE RENTAL RATES EXCEED THOSE OF ESTABLISHED DISTRIBUTORS OR EQUIPMENT RENTAL AGENCIES.

**6) Material Invoices.**

For contracts covered by the July 1, 1988 or earlier Standard Specifications for Road and Bridge Construction, Force Account Bills where materials are purchased must be accompanied by receipted invoices.

**7) Preparation of force account bills.**

All force account bills should show an accurate description of equipment used on force account work by type, size and watts (horsepower) and/or capacity.

Any changes or correction of ownership expenses rates on a force account bill must be made on each revised bill to indicate that the Contractor has approved the revised amount before the bill will be approved for payment.

Contractors are eligible for an additive to a bill prepared by a subcontractor. See Art. 109.04(b)(7).

A sample force account bill and instructions for preparing force account bills are attached to this schedule.

**8) Response Contractors Indemnification Fund.**

When force account or a portion thereof, involves issues related to a remedial or response action, or to the identification, handling, storage, treatment or disposal of a pollutant, or other items subject to payment into the Response Contractors Indemnification Fund (RCIF) 5% shall be added to those items. This 5% will not be paid to the contractor but will be deposited into the RCIF.

Pay item XXX07000 should be used for items subject to the RCIF or the amount may be shown separately on the Force Account billing and have a corresponding reference made on the change authorization.

## INSTRUCTIONS FOR PREPARING FORCE ACCOUNT BILLS

In order to facilitate checking and to secure more uniformity in Contractor's force account bills, we have prepared a sample bill which covers the usual items. This is a sample only – actual prices/rates will usually be different. Your particular attention is directed to the following:

1) Each day that force account work is being performed Form BC 635, Extra Work Daily Report, must be completed. All manpower, equipment and material used in the force account work should be agreed to by both the Contractor and the Engineer and entered on this form at the end of each day. The Contractor must then prepare the force account bill from the daily reports. Only the manpower, equipment and material shown on the daily reports should be included on the force account bill. (See Examples.)

2) The form used for certification of labor cost and affidavit as to materials take from stock.

3) Payroll additives are to be restricted to actual costs.

   a) Workmen's compensations insurance is chargeable for all hours worked on a straight time basis. Overtime premiums (1 ½ x, 2 x, 3 x, etc.) are not eligible.

   b) Truck drivers' total salaries shall be excluded from computation of public liability and property damage insurance as these insurance costs are covered by equipment ownership expense.

   c) Federal Unemployment Insurance is contributed by the employer on the first $7,000 paid to each worker in a calendar year. Year to date employee earnings are to be reported in the force account bill. The Federal rate is 6.2%. However, employers who have made all required payments to their state system in a full and timely manner receive a 5.4% "credit", making the effective Federal rate 0.8%.

   d) State Unemployment Compensation is contributed by the employer on the first $9,000 paid to each worker in a calendar year. Year to date employee earnings are to be reported in the force account bill. These percentages are subject to change by legislative action. Employers who begin operations in Illinois will receive a "starter's rate" based on their industry in either their first two or three calendar years. In 2001 the "starter rate" for industries classified in construction is 3.4%. Thereafter, they receive an experience rate which reflects their experience with the payment of benefit claims. This experience rate in 2001 varies from 0.6% to 6.8% and changes annually. However, employers whose computed rate is 5.5% or higher and yet have total quarterly wages of under $50,000 may use a "small employer's" rate of 5.4%. <u>These percentages are subject to change by legislative action.</u>

   e) Federal Social Security Tax is contributed at the rate of 6.2% plus 1.45% for Medicare, a total of 7.65%, on the first $80,400 paid to an individual as wages in calendar 1999. After the first $80,400 in wages, the rate for Medicare continues at 1.45%.

4) Equipment must be identified fully and classified by type, (as shown in the Expense Schedule) **<u>capacity</u> and/or <u>watts</u> (horsepower)**.

Where work extends over more than one week or payroll period, one bill should be submitted whenever possible, listing all labor together and all equipment together.

It will be proper to pay a foreman's salary based on the individual's actual wage and allow actual cost or company average for company contribution to life insurance, health insurance, or pension funds. We will also pay documented travel expense if it applies. Bonuses or profit sharing arrangements should not be allowed. Under some limited circumstances, the contractors superintendent may act as a foreman. In those situations it may be appropriate to pay for those costs as normally would be done for a foreman.

Some flaggers may be shown simply under the laborer wage rate. Others may have a special wage rate for laborers when acting as flaggers. It is also possible for flagger's wage rates to be under traffic control workers rather than laborers. For force account bills the designation flaggers should be used if they are paid a different wage rate than laborers.

**This sample bill does not establish any policy relative to the amount to be allowed for any particular item of materials or equipment or as representing actual rates for insurance. Its sole purpose is to <u>standardize the form</u> of force account bills.**

**Sample of a force account bill showing form to be followed.**

**(SAMPLE ONLY)**

**CONTRACTOR'S LETTERHEAD**

Route _____ Section _____ County _____ Auth. No. _____

Force account bill for Additional Pipe & Collars Contract No. _____

Insert applicable month, year and dates

| Month Year | 1 | 2 | 3 | Total Hours S.T. | Total Hours O.T. | Rate | Insurance Amount | Payroll Amount | Earnings to Date | Payroll Amount Eligible for Unemployment Tax F.U.T. | Payroll Amount Eligible for Unemployment Tax S.U.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Herman Senor, Foreman | 6 | 8 | 10 | 22 | 2 | 15.60 | $374.40 | $390.00 | $35,000.00 | $0.00 | $0.00 |
| Judy Williamson, Laborer | 6 | 8 | 10 | 22 | 2 | 12.50 | 300.00 | 312.50 | 8,000.00 | 0.00 | 312.50 |
| Mike Long, Laborer | 6 | 8 | 10 | 22 | 2 | 12.50 | 300.00 | 312.50 | 6,000.00 | 312.50 | 312.50 |
| Tony Durbin, Laborer | 6 | 8 | 10 | 22 | 2 | 12.50 | 300.00 | 312.50 | 7,100.00 | 212.50 | 312.50 |
| Nancy Finn, Laborer | 6 | 8 | 10 | 22 | 2 | 12.50 | 300.00 | 312.50 | 9,100.00 | 0.00 | 212.50 |
| Susie Mollett, Truck Driver | 6 | 8 | 8 | 22 | | 14.50 | 319.00 | 319.00 | 27,000.00 | 0.00 | 0.00 |
| Vicky Peters, Operator | 6 | 8 | 8 | 22 | | 17.60 | 387.20 | 387.20 | 40,000.00 | 0.00 | 0.00 |
| Subtotals, Labor | | | | | | | $2,280.60 | $2,346.20 | | $525.00 | $1,150.00 |
| *Laborer Pension & Welfare Funds – 96 hours @ .32 | | | | | | | | 30.72 | | | |
| *Operating Engineer Pension & Welfare – 22 hours @ .55 | | | | | | | | 12.10 | | | |
| Subtotals, Labor | | | | | | | | $2,389.02 | | | |
| Plus 35% of $2,389.02 | | | | | | | | 836.16 | | | |
| Subtotals, Labor | | | | | | | | $3,225.18 | | | |
| Plus: Workmen's Compensation Ins. 3.48% of $2,280.60 | | | | | | | 79.36 | | | | |
| Public Liability and Property Damage Ins., excluding payroll of Truck Drivers 2.0% of $1,961.60 | | | | | | | 39.23 | | | | |
| **Federal Unemployment Tax 0.8% of $525.00 | | | | | | | 4.20 | | | | |
| ***State Unemployment Tax 6.8% of $1,150.00 | | | | | | | 78.20 | | | | |
| Federal Social Security Tax 7.65% of $2,346.20 | | | | | | | 179.48 | | | | |
| Total Payroll Additives | | | | | | | 380.48 | | | | |
| Plus 10% of $380.48 | | | | | | | 38.05 | | | | |
| | | | | | | | | 418.53 | | | |
| Total Labor | | | | | | | | $3,643.71 | | | |

*These are not suggested rates, as these rates vary widely between Union Locals. This is intended as an example only.
**Do not include costs for employees which have reached the $7,000 ceiling on Federal Unemployment Tax (F.U.T.)
***Do not include costs for employees which have reached the $9,000 ceiling for State Unemployment Tax (S.U.T.)

I hereby certify that the above statement is a copy of that portion of the payroll which applies to the above stated work and that the rates shown for taxes and insurance are actual costs.

(Signed) _____
(Contractor)

| Equipment Expense | 1 | 2 | 3 | Total Hours | Rate | | Amount | |
|---|---|---|---|---|---|---|---|---|
| Tractor, Dozer, 212,610 W (285 hp) | 6 | 8 | 8 | 22 | $97.87 | (97.87) | $2,153.14 | (2,153.14) |
| Truck, Pickup 0.45 tonne (1/2 ton) | 6 | 8 | 10 | 24 | 8.68 | (8.68) | 208.32 | (208.32) |
| Truck, dump body 13,608kg (30,000 lbs), | 6 | 8 | 8 | 22 | 24.46 | (24.46) | 538.12 | (538.12) |
| Total equipment expense | | | | | | | $2,899.58 | (2,899.58) |

Material Used

| | | | | |
|---|---|---|---|---|
| 0.6m R.C.P., 19.5 meters @ $14.11 per meter (receipted invoice attached) | | | $275.16 | |
| (24 in. R.C.P., 64 ft. @ $4.30 per ft)(receipted invoice attached) | | | | (275.20) |
| Trench backfill, 44.1 tonnes @ $0.937 per tonne (taken from stock) | | | 41.32 | |
| (Trench backfill, 48.6 tons @ $0.85 per ton) (taken from stock) | | | | (41.31) |
| Portland cement, 6 sacks @ $1.60 (taken from stock) | | | 9.60 | (9.60) |
| Aggregate, 1.4 tonnes @ $1.543 per tonne (taken from stock) | | | 2.16 | |
| (Aggregate, 1.5 tons @ $1.40 per ton) (taken from stock) | | | | (2.10) |
| Form lumber, 24 pieces, 25.4mm x 152.4mm 4.3m long @ $1.232 per piece (receipted invoice attached) | 29.57 | | | |
| (Form lumber, 24 pieces, 1x6, 14 feet long @ $1.232 per piece) (receipted invoice attached) | | (29.57) | | |
| Less salvage value of form lumber, 50% | 14.79 | (14.79) | | |
| | | | 14.78 | (14.78) |
| Subtotal material | | | 343.02 | (342.99) |
| Plus 15% on $343.02 ($342.99) | | | 51.45 | (51.45) |
| Total material | | | $394.47 | ($394.44) |

**AFFIDAVIT**

This is to certify that the material entered on this force account bill which was taken from stock is shown at our cost.

Smith Construction Co.
(Company)

By R. L. Smith

| | | |
|---|---|---|
| Total Labor | $3,643.71 | ($3,643.71) |
| Total Equipment Expense | 2,899.58 | (2,899.58) |
| Total Materials | 394.47 | (394.44) |
| Total | $6,937.76 | ($6,937.73) |
| Bond 0.75% | 52.03 | (52.03) |
| Plus 10% of Bond | 5.20 | (5.20) |
| Total Bill | $6,994.99 | ($6,994.96) |

Resident

Illinois Department of Transportation

# Extra Work Daily Report

County

Section

Route

District

Contract No.

EXAMPLE

Contractor Smith Construction Co.

Job No.

Report No. 1 Date 11/5/00

Authorization No.

Project

Description and Location of Work Additional Pipe & Collars at Station 00+30

**LABOR**

| Worker Classification | Number of Workers | Hours Worked | Total Hours |
|---|---|---|---|
| Foreman | 1 | 6 | 6 |
| Laborer | 4 | 6 | 24 |
| Teamster | 1 | 6 | 6 |
| Operator | 1 | 6 | 6 |

**EQUIPMENT USED**

| Description: List Manufacturer, Model, Date, Capacity | Number of Hours | Description | Quantity |
|---|---|---|---|
| Caterpillar, D8N, 1992 dozer | 6 | | |
| 212,610 W (285hp) | | 0.6m (24 in.s) RCP | 19.5m |
| | | | (64 ft.) |
| Ford, 1990, Pickup | 6 | | |
| 0.45 tonne (1/2 ton) | | | |
| GMC, 1990, Dumpbody | 6 | | |
| 13,608 kg (30,000 lb) | | | |

REMARKS:

APPROVED R. L. Smith
Contractor's Representative

APPROVED: Stephanie Jones
State's Representative

Original: Contractor
cc: District File

BC 635 (Rev. 6/77)
IL 494-0426

Illinois Department of Transportation

# Extra Work Daily Report

EXAMPLE

County

Section

Route

District

Contract No.

Job No.

Project

Contractor Smith Construction Co.

Report No. 2 Date 11/6/00

Authorization No.

Description and Location of Work Additional Pipe & Collars at Station 00+30

**LABOR**

| Worker Classification | Number of Workers | Hours Worked | Total Hours |
|---|---|---|---|
| Foreman | 1 | 8 | 8 |
| Laborer | 4 | 8 | 32 |
| Teamster | 1 | 8 | 8 |
| Operator | 1 | 8 | 8 |

**EQUIPMENT USED**

| Description: List Manufacturer, Model, Date, Capacity | Number of Hours | Description | Quantity |
|---|---|---|---|
| Caterpillar, D8N, 1992 dozer | 8 | | |
| 212,610 W (285 hp) | | Sand Backfill | 44.1 tonne |
| | | | (48.6 tons) |
| Ford, 1990, Pickup | 8 | | |
| 0.45 tonne (1/2 ton) | | | |
| GMC, 1990, Dumpbody | 8 | | |
| 13,608 kg (30,000 lb) | | | |

REMARKS:

APPROVED R. L. Smith
Contractor's Representative

APPROVE Stephanie Jones
State's Representative

Original: Contractor
cc: District File

BC 635 (Rev. 6/77)
IL 494-0426

Illinois Department of Transportation

# Extra Work Daily Report

EXAMPLE

County

Section

Route

District

Contract No.

Job No.

Project

Contractor Smith Construction Co.

Report No. 3 Date 11/7/2000

Authorization No.

Description and Location of Work Additional Pipe & Collars at Station 00+30

**LABOR**

| Worker Classification | Number of Workers | Hours Worked | Total Hours |
|---|---|---|---|
| Foreman | 1 | 10 | 10 |
| Laborer | 4 | 8+2 OT | 40 |
| Teamster | 1 | 8 | 8 |
| Operator | 1 | 8 | 8 |

**EQUIPMENT USED**

| Description: List Manufacturer, Model, Date, Capacity | Number of Hours | Description | Quantity |
|---|---|---|---|
| Caterpillar, D8N, 1992 Dozer | 8 | | |
| 212,610 W (285 hp) | | Cement | 6 sacks |
| Ford, 1990, Pickup | 10 | Aggregate | 1.4 tonnes |
| 0.45 tonne (1/2 ton) | | | (1.5 tons) |
| GMC, 1990, Dumpbody | 8 | Lumber | 24 pcs. |
| 13,608 kg (30,000 lb) | | (25.4mm x 152.4mm x 4.3m | |
| | | (1 in. x 6 in. x 14 ft.) | |

REMARKS:

APPROVED R. L. Smith
Contractor's Representative

APPROVE Stephanie Jones
State's Representative

Original: Contractor
cc: District File

BC 635 (Rev. 6/77)

## GUIDELINES FOR PREPARING FORM BC-635

1. Extra work shall not be started until authorized in writing by the Engineer.
2. This form must be prepared daily and copies will be retained by both the Contractor and the Engineer.
3. Materials used on Force Account work which will be incorporated in the job must meet with satisfactory inspection. Please coordinate with the District Bureau of Materials for inspection requirements.
4. The amounts of Labor, Equipment and Materials claimed by the Contractor on his submitted itemized bill which he prepares at the completion of the extra work must agree with the daily amounts shown on this form.
5. Refer to Article 109.04 of the Standard Specifications.

# 2001 Schedule of Average Annual Equipment Ownership Expense

## ARROW BOARD

For vehicle mounting, rate for vehicle not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 2.40 for all models for a maximum of 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.897 x 0.50 |

Trailer mounted, diesel or gasoline powered; rate for trailer included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 2.90 for all models for a maximum or 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.766 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.677 x 0.50 (Gasoline) |

Trailer mounted, solar powered, rate for trailer included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $1.80 for all models for a maximum of 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.917 x 0.50 |

## AUGER

For tractor mounting all sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all sizes* |
| | $ 3.75 for all sizes of augers |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.834 x 0.50 |

## BARGE

Deck cargo, all lengths, widths and depths (for a maximum of 176 hours per month)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1256 times the area of the deck in square meters minus $ 20.00* |
| | ($ 0.105 times the area of the deck in square yards minus $ 20.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.537 x 0.50 |

**BARGE continued**

Hopper, all lengths, widths and depths (for a maximum of 176 hours per month)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0874 times the area of the deck in square meters minus $ 7.35*<br><br>($ 0.0731 times the area of the deck in square yards minus $7.35) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.576 x 0.50 |

Sectional, all lengths, widths and depths; locking system included; (for a maximum of 176 hours per month)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1017 times the area of the deck in square meters plus $ 1.35*<br><br>($ 0.085 times the area of the deck in square yards plus $ 1.35) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.957 x 0.50 |

**BARRICADE**

Type I or Type II

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 1.00 for each type I or type II barricade for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

Type III

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 2.35 for each type III barricade for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

**BARRIER WALL**

Concrete, temporary; 3.05 m (10 ft) section

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 0.25 for each section for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

**BARRIER WALL continued**

Lifting Clamp

| | |
|---|---|
| REIMBURSEMENT RATE = | *Flat rate for all types* |
| | $ 0.25 for each section placed and removed |
| STANDBY HOURLY RATE = | Upon Request |

**BELT LOADER**

Portable, diesel powered; including vibratory screen

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0335 times the rating in watts divided by 100 of the loader plus $ 37.60* |
| | ($ 0.25 times the horsepower rating of the loader plus $ 37.60) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.670 x 0.50 |

**BOAT**

Inland tug, diesel powered; all lengths and types

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.03023 times the rating in watts divided by 100 of the tugboat* |
| | ($ 0.2255 times the horsepower rating of the tugboat) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.465 x 0.50 |

Push, diesel powered; all models, with deck areas to 150.5 square meters (180 square yards)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.196 times the area of the deck in square meters plus $ 21.70* |
| | ($ 1.00 times the area of the deck in square yards plus $ 21.70) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.497 x 0.50 |

Runabout, diesel or gasoline powered; all lengths and sizes; inboard or outboard motor

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 8.55 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.315 x 0.50 |

**BOAT continued**

Tow, diesel powered; all models, with deck areas through 129.6 square meters (155 square yards)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.897 times the area of the deck in square meters plus $ 85.70*<br><br>($ 0.75 times the area of the deck in square yards plus $ 85.70) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.440 x 0.50 |

**BROOM**

Road, diesel or gasoline powered; Self Propelled; all types and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 7.48 times the length in meters of the broom minus $ 3.10*<br><br>($ 2.28 times the length in feet of the broom minus $ 3.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.578 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.491 x 0.50 (Gasoline) |

Road, towed or for carrier mounting PTO, engine or traction driven; all types and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.6247 times the length in meters of the broom*<br><br>($ .80 times the length in feet of the broom) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.714 x 0.50 (With Engine)<br>Hourly Expense Rate x 0.870 x 0.50 (Without Engine) |

**BRUSH CHIPPER**

Diesel or gasoline powered; trailer mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0134 times the rating in watts divided by 100 of the chipper plus $ 7.55*<br><br>($ 0.101 times the horsepower rating of the chipper plus $ 7.55) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.653 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.571 x 0.50 (Gasoline) |

**BRUSH CUTTER**

Boom arm, hydraulic operated rate for truck or tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 11.35 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.843 x 0.50 |

Self Propelled, diesel powered; rubber tired; cutter size 2.4 m (8 ft) to 3.0 m (10 ft)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 71.80 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.683 x 0.50 |

**BUCKET**

Clamshell, cable operated; rehandling; light weight

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.052 times the capacity in cubic meters of the bucket plus $ 2.43* |
| | *($ 1.57 times the capacity in cubic yards of the bucket plus $ 2.43)* |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.759 x 0.50 |

Clamshell, cable operated; rehandling; standard

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.431 times the capacity in cubic meters of the bucket plus $ 2.40* |
| | ($ 1.86 times the capacity in cubic yards of the bucket plus $ 2.40) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.765 x 0.50 |

Clamshell, cable operated; round nose; extra heavy duty

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 3.137 times the capacity in cubic meters of the bucket plus $ 4.65* |
| | ($ 2.40 times the capacity in cubic yards of the bucket plus $ 4.65) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.791 x 0.50 |

**BUCKET continued**

Clamshell, cable operated; round nose; heavy duty

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 3.281 times the capacity in cubic meters of the bucket plus $ 3.11*<br><br>($ 2.51 times the capacity in cubic yards of the bucket plus $ 3.11) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.786 x 0.50 |

Clamshell, cable operated; round nose; standard

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.722 times the capacity in cubic meters of the bucket plus $ 3.19*<br><br>($ 2.082 times the capacity in cubic yards of the bucket plus $ 3.19) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.778 x 0.50 |

Clamshell, cable operated; square nose; extra heavy duty

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.993 times the capacity in cubic meters of the bucket plus $ 4.12*<br><br>($ 2.29 times the capacity in cubic yards of the bucket plus $ 4.12. |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.787 x 0.50 |

Clamshell, cable operated; square nose; heavy duty

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.876 times the capacity in cubic meters of the bucket plus $ 3.31*<br><br>($ 2.20 times the capacity in cubic yards of the bucket plus $ 3.31) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.783 x 0.50 |

Clamshell, cable operated; square nose; standard

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.593 times the capacity in cubic meters of the bucket plus $ 2.67.*<br><br>($ 1.984 times the capacity in cubic yards of the bucket plus $ 2.67) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.772 x 0.50 |

**BUCKET continued**

Clamshell, cable operated; wide rehandling; light weight

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.157 times the capacity in cubic meters of the bucket plus $ 2.81*<br><br>($ 1.65 times the capacity in cubic yards of the bucket plus $ 2.81) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.763 x 0.50 |

Clamshell, cable operated; wide rehandling; standard

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.68 times the capacity in cubic meters of the bucket plus $ 2.52*<br><br>($ 2.05 times the capacity in cubic yards of the bucket plus $ 2.52) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.770 x 0.50 |

Dragline, cable operated; perforated; heavy weight; including rigging

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.518 times the capacity in cubic meters of the bucket plus $ 1.63*<br><br>($ 1.161 times the capacity in cubic yards of the bucket plus $ 1.63) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.771 x 0.50 |

Dragline, cable operated; perforated; light weight; including rigging

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.159 times the capacity in cubic meters of the bucket plus $ 1.75*<br><br>($ 0.887 times the capacity in cubic yards of the bucket plus $ 1.75) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.763 x 0.50 |

Dragline, cable operated; perforated; medium weight; including rigging

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.333 times the capacity in cubic meters of the bucket plus $ 1.57*<br><br>($ 1.02 times the capacity in cubic yards of the bucket plus $ 1.57) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.765 x 0.50 |

**BUCKET continued**

Manual, bottom dump; general purpose

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.896 times the capacity in cubic meters of the bucket plus $ 0.53*<br><br>($ 0.685 times the capacity in cubic yards of the bucket plus $ 0.53) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.849 x 0.50 |

| | |
|---|---|
| Manual, laydown; heavy duty | |
| HOURLY EXPENSE RATE = | *$ 0.85 times the capacity in cubic meters of the bucket plus $ 3.10*<br><br>($ 0.65 times the capacity in cubic yards of the bucket plus $ 3.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.862 x 0.50 |

| | |
|---|---|
| Manual, laydown; lightweight | *$ 1.197 times the capacity in cubic meters of the bucket plus $ 0.54*<br><br>($ 0.915 times the capacity in cubic yards of the bucket plus $ 0.54) |
| HOURLY EXPENSE RATE = | Hourly Expense Rate x 0.871 x 0.50 |
| STANDBY HOURLY RATE = | |

**CABLE PLOW**

Diesel or gasoline powered, crawler or wheel mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.02828 times the rating in watts divided by 100 of the tractor plus $ 1.95*<br><br>($ 0.211 times the horsepower rating of the tractor plus $ 1.95) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.613 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.517 x 0.50 (Gasoline) |

**COLD PLANER**

Loader mounting; all makes and models; rate for loader not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.02816 times the rating in watts divided by 100 of the skid steer loader*<br><br>($ 0.21 times the horsepower rating of the skid steer loader) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.850 x 0.50 |

**COMPACTOR**

Vibratory plate, diesel powered; hand-held

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1944 times the rating in watts divided by 100 of the plate minus $ 2.30*<br><br>($ 1.45 times the horsepower rating of the plate minus $ 2.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.861 x 0.50 |

Vibratory plate, gasoline powered; hand-held

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1635 times the rating in watts divided by 100 of the plate minus $ 3.05*<br><br>($ 1.22 times the horsepower rating of the plate minus $ 3.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.723 x 0.50 |

Vibratory rammer, diesel or gasoline powered; hand-held

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.067 times the rating in watts divided by 100 of the plate plus $ 1.00*<br><br>($ 0.50 times the horsepower rating of the plate plus $ 1.00 |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.745 x 0.50 |

**COMPRESSOR**

Portable, diesel or gasoline powered; 2 or 4 wheel mounting; reciprocating; rotary sliding vane or screw type

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.201 times the rating of the air compressor in cubic meters per minute plus $3.30*<br><br>($ 0.034 times the rating of the air compressor in cubic feet per minute plus $ 3.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.476 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.297 x 0.50 (Gasoline) |

Tools and accessories, including hoses and attachments with a replacement cost of less than $ 5,000.00

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all tools*<br><br>$ 2.70 for each combination in operation |
| STANDBY HOURLY RATE = | Available upon request |

Tools and accessories, including hoses and attachments with a replacement cost of $ 5,000.00 or more

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Calculated upon request*<br><br>Rate may be obtained by filling out the EQUIPMENT EXPENSE RATE DATA SHEET and submitting it to the appropriate District Office. |
| STANDBY HOURLY RATE = | Available upon request |

**CRANE**

Hydraulic, diesel powered self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.94 times the lifting capacity in tonnes of the crane plus $ 11.05*<br><br>($ 1.761 times the lifting capacity in tons of the crane plus $ 11.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.638 x 0.50 |

**CRANE continued**

Hydraulic, diesel powered upper and/or carrier; truck mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.488 times the lifting capacity in tonnes of the crane plus $ 27.50*<br><br>($ 1.35 times the lifting capacity in tons of the crane plus $ 27.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.666 x 0.50 |

Hydraulic, gasoline powered, self propelled; to and including 13.6 tonne (15 ton)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.654 times the lifting capacity in tonnes of the crane plus $ 11.35*<br><br>($ 1.50 times the lifting capacity in tons of the crane plus $ 11.35) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.562 x 0.50 |

Mechanical, diesel powered upper and/or carrier; truck mounted; all models to and including 18.14 tonne (20 ton)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 56.90 for all makes and models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.702 x 0.50 |

Mechanical, diesel powered, upper and/or carrier; truck mounted; all models over 18.14 tonne (20 ton)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.7166 times the lifting capacity in tonnes of the crane plus $ 63.03*<br><br>($ 0.65 times the lifting capacity in tons of the crane plus $ 63.03) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.702 x 0.50 |

Mechanical, diesel powered; crawler mounted; to and including 136.1 tonne (150 ton)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.0506 times the lifting capacity in tonnes of the crane plus $ 50.03*<br><br>($ 0.953 times the lifting capacity in tons of the crane plus $ 50.03) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.698 x 0.50 |

**CRASH ATTENUATOR**

For truck mounting, all types, rate for truck not included, one-piece aluminum, two-piece modular aluminum, one-piece fiberglass

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 3.40 for all models for a maximum of 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.940 x 0.50 |

**CURING MACHINE**

Concrete, diesel powered; all makes and models; frame width 6.1 m (20 ft) to 12.2 m (40 ft)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 21.65 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.691 x 0.50 |

**DELINEATOR**

Barrel

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 2.35 for each delineator barrel for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

Cone

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 0.50 for each cone for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

**DIGGER**

Derrick, hydraulic operated for truck mounting; telescoping; 2, 3 or 4 boom sections; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.1123 times the lift capacity in kilograms divided by 1000 of the derrick plus $ 13.50*<br><br>($ 0.505 times the lift capacity in pounds divided by 1000 of the derrick plus $ 13.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.761 x 0.50 |

Post Hole, gasoline powered; hand-held; one or two man; including auger

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 1.00 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.574 x 0.50 |

**DISK**

For all types of towing; all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all sizes*<br><br>$ 6.30 for all sizes of disks |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**DISK PLOW**

For all types of towing; all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all sizes*<br><br>$ 7.70 for all sizes of disk plows |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**DISTRIBUTOR**

Bituminous, for truck mounting; complete with burner, tank power unit, spray bar; less propane

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.555 times the rated capacity in liters divided by 1000 of the tank plus $ 15.10*<br><br>($ 2.10 times the rated capacity in gallons divided by 1000 of the tank plus $ 15.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.819 x 0.50 |

**DISTRIBUTOR continued**

Bituminous, trailer mounted; complete with burner, tank power unit, spray bar; including propane; thru 3,785.4 liters (1000 gallons)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.744 times the rated capacity in liters divided by 1000 of the tank plus $ 6.50*<br><br>($ 6.60 times the rated capacity in gallons divided by 1000 of the tank plus $ 6.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.718 x 0.50 |

**DRILL**

Air track, mobile; including drill and feed, less than 254 millimeters (10 inches)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1922 times the maximum hole size in millimeters plus $ 17.25*<br><br>($ 4.883 times the maximum hole size in inches plus $ 17.25) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.763 x 0.50 |

Horizontal, diesel or gasoline powered; self contained

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.055 times the rating in watts divided by 100 of the borer*<br><br>($ 0.41 times the horsepower rating of the borer) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.629 x 0.50 |

Vertical earth, diesel or gasoline powered, crawler mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0737 times the rating in watts divided by 100 of the drill plus $ 43.30*<br><br>($ 0.55 times the horsepower rating of the drill plus $ 43.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.715 x 0.50 |

**DRILL continued**

Vertical earth, diesel or gasoline powered, truck mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0938 times the rating in watts divided by 100 of the drill plus $ 42.50*<br><br>($ 0.70 times the horsepower rating of the drill plus $ 42.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.699 x 0.50 |

**EXCAVATOR**

Clamshell, diesel powered; crawler mounted; less bucket

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.446 times the lift capacity in tonnes when used as a crane plus $ 5.925 times the length in meters of the boom*<br><br>($ 0.405 times the lift capacity in tons when used as a crane plus $ 1.806 times the length in feet of the boom) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.673 x 0.50 |

Dragline, diesel powered; crawler mounted; less bucket

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.474 times the lift capacity in tonnes when used as a crane plus $ 5.925 times the length in meters of the boom*<br><br>($ 0.43 times the lift capacity in tons when used as a crane plus $ 1.806 times the length in feet of the boom) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.669 x 0.50 |

Hydraulic, diesel or gasoline powered, crawler mounted; to and including 372,800 W (500 hp); standard model

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.048 times the rating in watts divided by 100 of the excavator plus $ 2.235 times the capacity in cubic meters of the bucket plus $ 2.10*<br><br>($ 0.358 times the horsepower rating of the excavator plus $ 1.71 times the capacity in cubic yards of the bucket plus $ 2.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.709 x 0.50 |

**EXCAVATOR continued**

Hydraulic, diesel or gasoline powered, crawler mounted; to and including 372,800 W (500 hp); long front model

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.048 times the rating in watts divided by 100 of the excavator plus $ 2.235 times the capacity in cubic meters of the bucket plus $ 11.05*<br><br>($ 0.358 times the horsepower rating of the excavator plus $ 1.71 times the capacity in cubic yards of the bucket plus $ 11.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.709 x 0.50 |

Hydraulic, diesel or gasoline powered; truck mounted; with bucket to and including 1.5 m3 (yd3) capacity

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 44.764 times the capacity in cubic meters of the bucket plus $ 45.00*<br><br>($ 34.25 times the capacity in cubic yards of the bucket plus $ 45.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.715 x 0.50 |

Hydraulic, diesel or gasoline powered; wheel mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0496 times the rating in watts divided by 100 of the excavator plus $ 2.237 times the capacity in cubic meters of the bucket plus $ 3.40*<br><br>($ 0.37 times the horsepower rating of the excavator plus $ 1.71 times the capacity in cubic yards of the bucket plus $ 3.40) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.722 x 0.50 |

**FIELD CULTIVATOR**

For all types of towing; all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 4.20 for all lengths of field cultivators |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**FORKLIFT**

Plant and yard, diesel powered; standard

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.207 times the lifting capacity in kilograms divided by 1000 of the forklift plus $ 6.50*<br><br>($ 0.548 times the lifting capacity in pounds divided by 1000 of the forklift plus $ 6.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.594 x 0.50 |

Plant and yard, gasoline powered; standard

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.6101 times the lifting capacity in kilograms divided by 1000 of the forklift plus $ 4.95*<br><br>($ 0.731 times the lifting capacity in pounds divided by 1000 of the forklift plus $ 4.95) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.542 x 0.50 |

Rough terrain, diesel powered; highlift; four-wheel drive

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 3.8546 times the lifting capacity in kilograms divided by 1000 of the forklift plus $ 7.55*<br><br>($ 1.75 times the lifting capacity in pounds divided by 1000 of the forklift plus $ 7.55) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.609 x 0.50 |

Rough terrain, gasoline powered; highlift; four-wheel drive

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 3.7488 times the lifting capacity in kilograms divided by 1000 of the forklift plus $ 11.60*<br><br>($ 1.702 times the lifting capacity in pounds divided by 1000 of the forklift plus $ 11.60) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.490 x 0.50 |

**GENERATOR SET**

All sizes, diesel powered; unhoused; air or water cooled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.131 times the kilowatt rating of the generator plus $ 3.55*<br><br>($ 0.131 times the kilowatt rating of the generator plus $ 3.55) |
| STANDBY HOURLY RATE = | Available Upon Request |

All sizes, gasoline powered; unhoused; air or water cooled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.211 times the kilowatt rating of the generator plus $ 2.05*<br><br>($ 0.211 times the kilowatt rating of the generator plus $ 2.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.270 x 0.50 |

**HARROW**

For all types of towing; all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 0.90 for all lengths of harrows |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**JOINT CLEANER**

Router; walk behind; all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 4.30 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.662 x 0.50 |

**JOINT SEALER**

Trailer mounted; crack filler with pump; all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 5.548 times the capacity in liters divided by 1000 of the tank plus $ 6.10)*<br><br>($ 21.00 times the capacity in gallons divided by 1000 of the tank plus $ 6.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.720 x 0.50 |

**LASER**

Electronic, including batteries; self-leveling; sewer, dialagrade, spinning, etc.

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 2.50 for all makes and models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**LINE REMOVER**

Cutting heads, for all types of triple rotary line removers

| | |
|---|---|
| REIMBURSEMENT RATE = | *Calculated in the field*<br><br>The contractor shall be reimbursed for heads by subtracting the salvage value from the actual cost of the cutting heads. |
| STANDBY HOURLY RATE = | Upon Request |

Rotary, diesel or gasoline powered; all models thru 11,184 W (15 hp); cutting heads not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 4.00 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.704 x 0.50 |

**LINE REMOVER continued**

Shot, all types of shotblasters

| | |
|---|---|
| REIMBURSEMENT RATE = | *Calculated in the field*<br><br>The contractor shall be reimbursed for the actual cost of the shot less salvage value for all shot expended beyond the initial load. |
| STANDBY HOURLY RATE = | Upon Request |

Shotblaster, all fuel types blast pattern 254 mm (10 in) to 508 mm (20 in); including a full load of shot

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 45.50 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.667 x 0.50 |

**LITE**

Flasher

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 0.20 for each flasher for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

Hi-intensity, sign mounted

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 1.70 for each sign mounted hi-intensity lite for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

Steady Burn

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 0.30 for each steady burn for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

**MIXER**

Concrete transit, diesel powered, rear discharge

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.308 times the capacity in cubic meters of the mixer plus $ 50.00*<br><br>($ 1.00 times the capacity in cubic yards of the mixer plus $ 50.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.603 x 0.50 |

Portable, diesel, gasoline or electric powered; trailer mounted; tilting or nontilting drum

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0386 times the rating in watts divided by 100 of the mixer plus $ 4.86*<br><br>($ 0.288 times the horsepower rating of the mixer plus $ 4.86) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.705 x 0.50 |

**MOTOR GRADER**

Self propelled, diesel or gasoline powered, pneumatic tired; with GVW 10,886.4 kg (24,000 lb) or less

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 30.00 for all makes and models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.618 x 0.50 |

Self propelled, diesel or gasoline powered, pneumatic tired; with GVW greater than 10,886.4 kg (24,000 lb)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 4.6296 times the weight in kilograms divided by 1000 of the grader minus $ 18.55*<br><br>($ 2.1 times the weight in pounds divided by 1000 of the grader minus $ 18.55) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.618 x 0.50 |

**MOWER**

Bar cutter, hydraulic operated; rate for truck or tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 3.25 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.831 x 0.50 |

Boom arm, hydraulic operated; rate for truck or tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 9.10 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.831 x 0.50 |

Riding, diesel or gasoline powered

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 3.478 times the cutting width in meters of the mower* |
| | ($ 1.06 times the cutting width in inches divided by 12 of the mower) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.726 x 0.50 |

Rotary, hydraulic operated; side or rear mounted; rate for tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 7.05 for all side or rear mounted models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.831 x 0.50 |

Towed flail, hydraulic operated; rate for truck or tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 3.35 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.831 x 0.50 |

**MULCHER**

Hay or straw, diesel or gasoline powered; trailer mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.7331 times the work capacity in tonnes per hour of the mulcher plus $ 4.37*<br><br>($ 0.665 times the work capacity in tons per hour of the mulcher plus $ 4.37) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.628 x 0.50 |

**PAVEMENT BREAKER**

Self propelled, diesel powered; all sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0496 times the rating in watts divided by 100 of the machine plus $ 1.30*<br><br>($ .37 times the horsepower rating of the machine plus $ 1.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.692 x 0.50 |

Self propelled, gasoline powered; all sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 29.85 for all makes and models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.510 x 0.50 |

For tractor mounting, to and including 2,847.2 N.m (2,100 ft-lb)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0059 times the impact energy in newton meters of the hammer plus $ 2.25*<br><br>($ 0.008 times the impact energy in foot pounds of the hammer plus $ 2.25) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.830 x 0.50 |

**PAVEMENT BREAKER continued**

For tractor mounting, from 2,848.6 N-m (2,101 ft-lb) to & including 16,270 N.m (12,000 ft-lb)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.00258 times the impact energy in newton meters of the hammer plus $ 12.15* |
| | ($ 0.0035 times the impact energy in foot pounds of the hammer plus $ 12.15) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.817 x 0.50 |

**PAVEMENT MARKER**

Self propelled, all fuel types; truck mounted or operator ridden, all models to and including 138,010 W (185 hp)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.03686 times the rating in watts divided by 100 of the striper plus $ 3.55* |
| | ($ 0.275 times the horsepower rating of the striper plus $ 3.55) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.705 x 0.50 |

Self propelled, all fuel types, truck mounted or operator ridden, all models over 138,010 W (185 hp)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 54.45 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.556 x 0.50 |

Walk behind, all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 2.05 for all walk behind models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.687 x 0.50 |

**PAVEMENT PROFILER**

Cutting teeth, for all makes and models of profilers

| | |
|---|---|
| REIMBURSEMENT RATE = | *calculated in the field*<br><br>The contractor shall be reimbursed for teeth by subtracting the salvage value from the actual cost of the cutting teeth. |
| STANDBY HOURLY RATE = | Upon Request |

Milling machine, diesel powered, wheel or crawler mounted; to and including 352,858 W (473 hp); cutting teeth not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0583 times the rating in watts divided by 100 of the profiler plus $ 36.80*<br><br>($ 0.435 times the horsepower rating of the profiler plus $ 36.80) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.661 x 0.50 |

Milling machine, diesel powered, wheel or crawler mounted; over 352,858 W (473 hp) ; cutting teeth not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0425 times the rating in watts divided by 100 of the profiler plus $ 92.30*<br><br>($ 0.317 times the horsepower rating of the profiler plus $ 92.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.661 x 0.50 |

**PAVER**

Bituminous, pull type; all sizes and paving widths; with or without drive engine

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 5.20 for all models without drive engine<br>$ 8.25 for all models with drive engine |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.899 x 0.50 |

**PAVER continued**

Bituminous, diesel powered; spreading and finishing machine; crawler mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 7.9828 times the GVW in kilograms divided by 1000 of the paver plus $ 19.15* |
| | ($ 3.621 times the GVW in pounds divided by 1000 of the paver plus $ 19.15) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.766 x 0.50 |

Bituminous, diesel powered; spreading and finishing machine; wheel mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 7.3192 times the GVW in kilograms divided by 1000 of the paver plus $ 22.35* |
| | ($ 3.32 times the GVW in pounds divided by 1000 of the paver plus $ 22.35) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.759 x 0.50 |

Street & highway, diesel powered slipform

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0657 times the rating in watts divided by 100 of the paver plus $ 2.75* |
| | ($ 0.49 times the horsepower rating of the paver plus $ 2.75) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.710 x 0.50 |

**PILE EXTRACTOR**

Leads, for all extractors

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all leads* |
| | $ 0.30 per foot |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.950 x 0.50 |

**PILE EXTRACTOR continued**

Non-Vibratory, steam or air operated all models; less leads; to and including 2,711.6 N.m (2,000 ft-lb)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0059 times the strike energy in newton meters of the hammer plus $ 24.05*<br><br>($ 0.008 times the strike energy in foot pounds of the hammer plus $ 24.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.950 x 0.50 |

Vibratory, diesel powered; all models; including guides & caps, less leads; with a maximum hydraulic rating to and including 596,480 W (800 hp)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.02146 times the maximum hydraulic rating in watts divided by 100 of the extractor plus $ 11.78*<br><br>($ 0.16 times the maximum hydraulic horsepower rating of the extractor plus $ 11.78) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.695 x 0.50 |

**PILE HAMMER**

Differential acting, pneumatic powered; all types and models; including guides & caps, less leads

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.8866 times the strike energy in newton meters divided by 1000 of the hammer plus $ 6.82*<br><br>($ 1.202 times the strike energy in foot pounds divided by 1000 of the hammer plus $ 6.82) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.928 x 0.50 |

Double acting, pneumatic powered; all types and models; including guides & caps, less leads

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.7855 times the strike energy in newton meters divided by 1000 of the hammer plus $ 14.10*<br><br>($ 1.065 times the strike energy in foot pounds divided by 1000 of the hammer plus $ 14.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.925 x 0.50 |

**PILE HAMMER continued**

Leads, for all hammers

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all leads* |
| | $ 0.30 per foot |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.950 x 0.50 |

Single acting, pneumatic powered, all types and models; including guides and caps, less leads; to and including 81,349 N-m (59,999 ft-lb)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.4757 times the strike energy in newton meters divided by 1000 of the hammer plus $ 23.38* |
| | ($ 0.645 times the strike energy in foot pounds divided by 1000 of the hammer plus $ 23.38) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.931 x 0.50 |

Single acting, pneumatic powered, all types and models; including guides and caps, less leads; 81,350 N-m (60,000 ft-lb) and above

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1844 times the strike energy in newton meters divided by 1000 of the hammer plus $ 49.00* |
| | ($ 0.25 times the strike energy in foot pounds divided by 1000 of the hammer plus $ 49.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.931 x 0.50 |

Single or double acting, diesel powered; all types and models; including guides & caps, less leads

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.6454 times the maximum strike energy in newton meters divided by 1000 of the hammer plus $ 15.85* |
| | ($ 0.875 times the maximum strike energy in foot pounds divided by 1000 of the hammer plus $ 15.85) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.776 x 0.50 |

**PILE HAMMER continued**

Vibratory, diesel powered; all models; including guides & caps, less leads; with a maximum hydraulic rating to and including 596,480 W (800 hp)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$0.02146 times the maximum hydraulic rating in watts divided by 100 of the extractor plus $ 11.78*<br><br>($ 0.16 times the maximum hydraulic horsepower rating of the extractor plus $ 11.78) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.695 x 0.50 |

**PUGMILL**

Batch type, portable; less power; with elevator capacity to 113.4 tonnes (125 tons) per hour

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models.*<br><br>$91.45 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.732 x 0.50 |

Batch type, portable; less power; with elevator capacity over 113.4 tonnes (125 tons) per hour

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.2458 times the elevator capacity rating in tonnes per hour of the pugmill plus $ 91.45*<br><br>($ 0.223 times the elevator capacity rating in tons per hour of the pugmill plus $ 91.45) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.732 x 0.50 |

**PUMP**

Centrifugal, diesel powered; portable; tire mounted; heavy duty; self-priming; including hose & coupling

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0846 times the pump size diameter in millimeters minus $ 1.89*<br><br>($ 2.15 times the pump size diameter in inches minus $ 1.89) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.641 x 0.50 |

**PUMP continued**

Centrifugal, gasoline powered; portable; tire mounted; heavy duty; self-priming; including hose & coupling

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1107 times the pump size diameter in millimeters minus $ 2.75*<br><br>($ 2.812 times the pump size diameter in inches minus $ 2.75) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.662 x 0.50 (Air Cooled)<br>Hourly Expense Rate x 0.467 x 0.50 (Water Cooled) |

Concrete boom, for truck mounting

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.131 times the maximum output in cubic meters per hour of the pump plus $ 3.281 times the vertical reach in meters of the boom minus $ 37.20*<br><br>($ 0.10 times the maximum output in cubic yards per hour of the pump plus $ 1.00 times the vertical reach in feet of the boom minus $ 37.20) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.816 x 0.50 |

Concrete working, diesel or gasoline powered; trailer mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0282 times the rating in watts divided by 100 of the pump plus $ 5.70*<br><br>($ 0.21 times the horsepower rating of the pump plus $ 5.70). |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.616 x 0.50 |

Submersible, electric powered; single and three phase; including motor and cable

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0244 times the rating in watts divided by 100 of the pump plus $ 1.87*<br><br>($ 0.182 times the horsepower rating of the pump plus $ 1.87) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.663 x 0.50 |

**PUMP continued**

Trash and sewage, diesel powered; portable; tire mounted; self-priming; including hose & couplings

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0299 times the rating in watts divided by 100 of the pump plus $ 1.92*<br><br>($ 0.223 times the horsepower rating of the pump plus $ 1.92) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.628 x 0.50 |

Trash and sewage, gasoline powered; portable; tire mounted; self-priming; including hose & couplings

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0303 times the rating in watts divided by 100 of the pump plus $ 1.29*<br><br>($ 0.226 times the horsepower rating of the pump plus $ 1.29) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.468 x 0.50 |

Trash and sewage, electric powered; submersible; including motor and cable

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0134 times the rating in watts divided by 100 of the pump plus $ 3.44*<br><br>($ 0.10 times the horsepower rating of the pump plus $ 3.44) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.857 x 0.50 |

**RAKE**

For tractor mounting; rock and root; all types

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all sizes*<br><br>$ 4.00 for all sizes of rock and root rakes |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

For all types of towing; tiller; all types

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all sizes*<br><br>$ 3.75 for all size tiller rakes |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**ROAD LEVELER**

For all types of towing drag; all type and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all sizes*<br><br>$ 3.50 for all sizes of road levelers |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**RIPPER**

Tractor attachment, for tractor mounting; single, standard or deep shank; rate for tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.00408 times the rating in watts divided by 100 of the tractor plus $ 9.75*<br><br>($ 0.0304 times the horsepower rating of the tractor plus $ 9.75) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.773 x 0.50 |

Tractor attachment, for tractor mounting; triple shank; rate for tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.00544 times the rating in watts divided by 100 of the tractor*<br><br>($ 0.0406 times the horsepower rating of the tractor) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.744 x 0.50 |

**ROAD WIDENER**

Diesel or gasoline powered; Self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.05375 times the rating in watts divided by 100 of the widener plus $ 29.05*<br><br>($ 0.401 times the horsepower rating of the widener plus $ 29.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.693 x 0.50 |

**ROLLER**

Pull type, static, pneumatic; all makes and models to 18.1 tonnes (20 tons)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 10.25 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.834 x 0.50 |

**ROLLER continued**

Pull type, static, pneumatic; all makes and models from 18.1 tonnes (20 tons) to 54.4 tonnes (60 tons)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.323 times the weight in tonnes of the roller minus $ 10.00*<br><br>($ 1.20 times the weight in tons of the roller minus $ 10.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.834 x 0.50 |

Pull type, static, pneumatic; all makes and models 54.4 tonnes (60 tons) and over

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.97 times the weight in tonnes of the roller plus $ 15.00*<br><br>($ 0.88 times the weight in tons of the roller plus $ 15.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.834 x 0.50 |

Pull type, vibratory, sheepsfoot or wedgefoot; smooth or pad drum; drum width less than 1.4 meters (54 inches)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 12.75 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.792 x 0.50 |

Pull type, vibratory, sheepsfoot or wedgefoot; smooth or pad drum; drum width of 1.4 meters (54 inches) and up

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 65.36 times the drum width in meters of the roller minus $ 75.20*<br><br>($ 1.66 times the drum width in inches of the roller minus $ 75.20) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.792 x 0.50 |

Self propelled, static, diesel powered; tamping/landfill; reclamation, pad foot

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0369 times rating in watts divided by 100 of the roller plus $ 4.10*<br><br>($ 0.275 times the horsepower rating of the roller plus $ 4.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.655 x 0.50 |

**ROLLER continued**

Self propelled, static, diesel powered; tamping/landfill; sanitary

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0412 times rating in watts divided by 100 of the roller plus $ 25.30*<br><br>($ 0.307 times the horsepower rating of the roller plus $ 25.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.673 x 0.50 |

Self propelled, static, diesel or gasoline powered; rubber tired (pneumatic)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.323 times the weight in tonnes of the roller plus $ 21.35*<br><br>($ 1.20 times the weight in tons of the roller plus $ 21.35) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.809 x 0.50 |

Self propelled, static, diesel or gasoline powered; tandem type

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.50 times the weight in tonnes of the roller plus $ 4.45*<br><br>($ 1.361 times the weight in tons of the roller plus $ 4.45)) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.689 x 0.50 |

Self propelled, vibratory, diesel powered; tandem type

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0462 times rating in watts divided by 100 of the roller plus $ 5.30*<br><br>($ 0.345 times the horsepower rating of the roller plus $ 5.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.783 x 0.50 |

Self propelled, vibratory, gasoline powered; tandem type

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0315 times rating in watts divided by 100 of the roller plus $ 2.10*<br><br>($ 0.235 times the horsepower rating of the roller plus $ 2.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.698 x 0.50 |

**ROLLER continued**

Self propelled, vibratory, diesel or gasoline powered; rubber and/or steel type

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0269 times rating in watts divided by 100 of the roller plus $ 7.30*<br><br>($ 0.201 times the horsepower rating of the roller plus $ 7.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.645 x 0.50 |

**SANDBLASTER**

Portable, including hose, nozzle, couplings, etc. with sand capacity to and including 2,721.6kg(6,000 lb)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 2.00 for all makes and models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.907 x 0.50 |

Portable, including hose, nozzle, couplings, etc. with sand capacity over 2,721.6 kg (6,000 lb)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.4409 times the capacity of the sandpot in kilograms divided by 1000 plus $ 9.00*<br><br>($ 0.20 times the capacity of the sandpot in pounds divided by 1000 plus $ 9.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.907 x 0.50 |

**SAW**

Blade or cutting teeth, for all makes and models

| | |
|---|---|
| REIMBURSEMENT RATE = | *Calculated in the field*<br><br>The contractor shall be reimbursed for blade/teeth by subtracting the salvage value from the actual cost of the blade/teeth. |
| STANDBY HOURLY RATE = | Upon Request |

**SAW continued**

Concrete, gasoline powered; excluding blade

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.029 times the rating in watts divided by 100 of the saw plus $ 0.39*<br><br>($ 0.216 times the horsepower rating of the saw plus $ 0.39) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.500 x 0.50 |

Rock or pavement, diesel powered; wheel or crawler mounted; excluding cutting teeth

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.05362 times the rating in watts divided by 100 of the rock saw plus $ 4.55*<br><br>($ 0.40 times the horsepower rating of the rock saw plus $ 4.55) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.717 x 0.50 |

**SCRAPER**

Dual engine, diesel powered; conventional; self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.04571 times the rating in watts divided by 100 of the tractor plus $ 49.80*<br><br>($ 0.341 times the horsepower rating of the tractor plus $ 49.80) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.591 x 0.50 |

Single engine, diesel powered; conventional; self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.06247 times the rating in watts divided by 100 of the tractor minus $ 50.10*<br><br>($ 0.466 times the horsepower rating of the tractor minus $ 50.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.614 x 0.50 |

**SCRAPER continued**

Single engine, diesel powered; elevating; self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.05375 times the rating in watts divided by 100 of the tractor plus $ 1.65*<br><br>($ 0.401 times the horsepower rating of the tractor plus $ 1.65) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.623 x 0.50 |

**SEEDER**

For all types of towing; broadcast; all sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 2.05 for all size broadcast seeders |
| STANDBY HOURY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

For all types of towing culi-packer; all sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 2.30 for all size culi-packer seeders |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**SEWER EQUIPMENT**

Cleaner, diesel or gasoline powered; truck mounted; catch basin and manhole; vacuum type

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 4.1824 times the capacity in cubic meters of the cleaner*<br><br>($ 3.20 times the capacity in cubic yards of the cleaner) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.622 x 0.50 |

Cleaner, diesel or gasoline powered; truck mounted; sewer; including high pressure pump and water tank

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0032 times the capacity in liters of the cleaner water tank*<br><br>($ 0.012 times the capacity in gallons of the cleaner water tank) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.407 x 0.50 |

**SEWER EQUIPMENT continued**

TV Inspection, diesel or gasoline powered; truck mounted; all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 52.00 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.578 x 0.50 |

**SHOVEL**

Hydraulic, diesel powered; crawler mounted; including bucket; thru 969,800 W (1,300 hp)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 10.457 times the capacity in cubic meters of the bucket plus $ 0.03365 times the rating in watts divided by 100 of the shovel plus $ 40.12*<br><br>($ 8.00 times the capacity in cubic yards of the bucket plus $ 0.251 times the horsepower rating of the shovel plus $ 40.12) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.596 x 0.50 |

**SIGN**

Changeable message, diesel or gasoline; trailer mounted; rate for trailer included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 10.00 for all models for a maximum of 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.870 x 0.50 |

Changeable message, solar powered, trailer mounted, rate for trailer included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$8.00 for all models for a maximum of 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.963 x 0.50 |

Engineer Grade

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 0.90 for each engineer grade sign for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

**SIGN continued**

Fluorescent Orange

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 2.70 for each fluorescent orange sign for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

Hi-Intensity

| | |
|---|---|
| DAILY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 1.70 for each hi-intensity sign for a maximum of 180 days |
| STANDBY HOURLY RATE = | Upon Request |

Speed zone, solar powered; 45 miles per hour

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 1.35 for each 45 mph speed zone sign for a maximum of 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.963 x 0.50 |

**SNOW BLOWER**

Rotary, for truck mounting; mechanical or hydrostatic drive; rate for tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0452 times the capacity in tonnes per hour of the snow blower plus $ 12.60*<br><br>($ 0.041 times the capacity in tons per hour of the snow blower plus $ 12.60) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.788 x 0.50 |

Rotary, for tractor mounting detachable; PTO driven; all sizes; rate for tractor not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 4.00 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.792 x 0.50 |

**SNOW BLOWER continued**

Self propelled, diesel or gasoline powered hydrostatic drive

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.01874 times the capacity in tonnes per hour of the snow blower plus $ 80.65* |
| | ($ 0.017 times the capacity in tons per hour of the snow blower plus $ 80.65) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.682 x 0.50 |

**SNOW PLOW**

Leveling wing, for truck mounting; right & left reversible; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 16.40 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.790 x 0.50 |

One-way, for truck mounting; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 8.50 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.790 x 0.50 |

One-way, for grader mounting, 2.4 m (8 ft) to 3 m (9 ft 11 in); rate for grader not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 9.70 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.602 x 0.50 |

One-way, for grader mounting, 3.1 m (10 ft) and up; rate for grader not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 12.80 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.602 x 0.50 |

**SNOW PLOW continued**

Patrol wing, for truck mounting; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 9.85 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.790 x 0.50 |

Reversible, for truck mounting; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 9.50 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.790 x 0.50 |

Snow wing, for grader mounting; hydraulic operated; all sizes; rate for grader not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 14.50 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.602 x 0.50 |

V-Plow, for truck mounting; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 10.55 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.790 x 0.50 |

V-Plow, for truck mounting with leveling wing; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 20.55 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.790 x 0.50 |

**SNOW PLOW continued**

V-Plow, for grader mounting, with swath to 3.6 m (11 ft 11 in); rate for grader not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 14.65 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.602 x 0.50 |

V-Plow, for grader mounting, with swath 3.7 m (12 ft) and up; rate for grader not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 23.85 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.602 x 0.50 |

**SPACE HEATER**

Oil, kerosene or LP gas fired; kerosene or liquid propane gas costs not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.01126 times the output per hour in watts divided by 1000 of the space heater plus $ 0.50* |
| | ($ 0.0033 times the output per hour in British thermal units divided by 1000 of the space heater plus $ 0.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.936 x 0.50 |

**SPRAYER**

Seed, diesel powered; for truck mounting (rate for truck not included); all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.162 times the capacity in liters divided by 1000 of the seed sprayer plus $ 5.45* |
| | ($ 4.40 times the capacity in gallons divided by 1000 of the seed sprayer plus $ 5.45) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.655 x 0.50 |

**SPRAYER continued**

Seed, gasoline powered; for truck mounting (rate for truck not included); all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.585 times the capacity in liters divided by 1000 of the seed sprayer plus $ 3.07*<br><br>($ 6.00 times the capacity in gallons divided by 1000 of the seed sprayer plus $ 3.07) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.634 x 0.50 |

Seed, diesel or gasoline powered; trailer mounted (rate for trailer included); all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.113 times the capacity in liters divided by 1000 of the seed sprayer plus $ 4.35*<br><br>($ 8.00 times the capacity in gallons divided by 1000 of the seed sprayer plus $ 4.35) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.739 X 0.50 (Diesel)<br>Hourly Expense Rate x 0.666 x 0.50 (Gasoline) |

**SPREADER**

Chemical, for truck or trailer mounting; general purpose; all sizes; rate for truck or trailer not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 3.45 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.693 x 0.50 |

Chip or aggregate, diesel or gasoline powered; Self Propelled; all sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 51.70 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.698 x 0.50 |

**SPREADER continued**

Chip or aggregate, towed or for carrier mounting all sizes; with auger or chain conveyor; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 2.85 for all models |
| STANDBY HOURLY RATE = | Available Upon Request |

Salt or sand, for truck mounting; gasoline powered; chassis cab/dump; all types; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 7.05 for all types |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.660 x 0.50 |

Salt or sand, for truck mounting; PTO powered; chassis cab/dump; all types; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 3.60 for all types |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.792 x 0.50 |

Salt or sand, for truck mounting; PTO powered; dump body; all types; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 5.90 for all types |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.792 x 0.50 |

Salt or sand, for truck mounting; PTO powered; tailgate or pick-up; all types; rate for truck not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 3.00 for all types |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.792 x 0.50 |

**SPREADER continued**

Shoulder, for grader mounting; all sizes; maintenance machine; rate for grader not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 10.40 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.750 x 0.50 |

**STABILIZER/RECLAIMER**

Pull-Type, diesel or gasoline powered; bituminous; all sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 32.35 for all models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.766 x 0.50 |

Self propelled, diesel powered; bituminous

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.03284 times rating in watts divided by 100 of the stabilizer plus $ 30.80* |
| | ($ 0.245 times the horsepower rating of the stabilizer plus $ 30.80) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.682 x 0.50 |

**STRAW PUNCHER**

For all types of towing; all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types* |
| | $ 2.80 for all straw punchers |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**SWEEPER**

Pick-Up, diesel or gasoline powered; all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models* |
| | $ 45.55 for all makes and models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.622 x 0.50 |

**TAR KETTLE**

Trailer mounted; including brakes and air spray equipment

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.5058 times the capacity in liters divided by 1000 of the kettle plus $ 2.50*<br><br>($ 5.70 times the capacity in gallons divided by 1000 of the kettle plus $ 2.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.875 x 0.50 |

**TRACTOR**

Dozer, diesel powered; crawler mounted, standard or LGP; including dozer blade and ROPS

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.04397 times the rating in watts divided by 100 of the tractor plus $ 4.39*<br><br>($ 0.328 times the horsepower rating of the tractor plus $ 4.39) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.674 x 0.50 |

Dozer, diesel powered; wheel mounted; including dozer blade and ROPS

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.05027 times the rating in watts divided by 100 of the tractor minus $ 6.10*<br><br>($ 0.375 times the horsepower rating of the tractor minus $ 6.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.654 x 0.50 |

Farm-Type, diesel or gasoline powered; all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.02735 times the rating in watts divided by 100 of the tractor plus $ 2.27*<br><br>($ 0.204 times the horsepower rating of the tractor plus $ 2.27) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.594 x 0.50 |

**TRACTOR continued**

Industrial, diesel powered; including ROPS

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.02735 times the rating in watts divided by 100 of the tractor plus $ 2.27*<br><br>($ 0.204 times the horsepower rating of the tractor plus $ 2.27) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.594 x 0.50 |

Loader, diesel or gasoline powered; crawler mounted; including bucket

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.06408 times the rating in watts divided by 100 of the loader minus $ 5.62*<br><br>($ 0.478 times the horsepower rating of the loader minus $ 5.62) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.675 x 0.50 |

Loader, diesel or gasoline powered; skid steer; including bucket

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.02695 times the rating in watts divided by 100 of the loader plus $ 5.93*<br><br>($ 0.201 times the horsepower rating of the loader plus $ 5.93) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.656 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.638 x 0.50 (Gasoline) |

Loader, diesel or gasoline powered; wheel mounted; including bucket; to and including 223,680 W (300 hp)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.03311 times the rating in watts divided by 100 of the loader plus $ 3.43*<br><br>($ 0.247 times the horsepower rating of the loader plus $ 3.43) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.600 x 0.50 |

**TRACTOR continued**

Loader – Backhoe, diesel or gasoline powered; including buckets and ROPS

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0511 times the rating in watts divided by 100 of the tractor minus $ 2.60*<br><br>($ 0.381 times the horsepower rating of the tractor minus $ 2.60) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.671 x 0.50 |

**TRAILER**

Dump, on highway rear dump semi trailer

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 8.10 for all types and models |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.617 x 0.50 |

Dump, on highway rear dump full trailer

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.4961 times the rated payload of the trailer in tonnes plus $ 3.60*<br><br>($ 0.45 time the rated payload of the trailer in tons plus $3.60) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.630 x 0.50 |

Dump, on highway rear dump transfer trailers

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.6536 times the total capacity (front & rear) of the trailer in cubic meters plus $ 1.50*<br><br>($ 0.50 times the total capacity (front & rear) of the trailer in cubic yards plus $ 1.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.650 x 0.50 |

Field office, standard; all sizes and types

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>$ 1.65 for all models for a maximum of 40 hours per week; 176 hours per month |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.648 x 0.50 |

**TRAILER continued**

Fixed gooseneck, drop deck or flush deck; dual wheels; all lengths

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1621 times the rated capacity in tonnes of the trailer plus $ 4.45*<br><br>($ 0.147 times the rated capacity in tons of the trailer plus $ 4.45) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.599 x 0.50 |

Folding gooseneck, drop deck or flush deck; dual wheels; all lengths

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.2139 times the rated capacity in tonnes of the trailer plus $ 4.15*<br><br>($ 0.194 times the rate capacity in tons of the trailer plus $ 4.15) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.624 x 0.50 |

Lowboy or flatbed, all types

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ .1621 times the rated capacity in tonnes of the trailer plus $ 4.45*<br><br>($ 0.147 times the rated capacity in tons of the trailer plus $ 4.45) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.599 x 0.50 |

Utility, pole or box, all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate based on deck length*<br><br>$ 3.30 w/length to 6.0 m (20 ft)<br>$ 4.70 w/length 6.1 m (20.1 ft) to 7.3 m (24 ft)<br>$ 6.70 w/length 7.31 m (24.1 ft) and over |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.574 x 0.50 |

**TRAILER continued**

Water, with pump and spraybar

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.2642 times the capacity in liters divided by 1000 of the tank plus $ 8.30*<br><br>($ 1.00 times the capacity in gallons divided by 1000 of the tank plus $ 8.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.576 x 0.50 |

**TREE CUTTER (V)**

For tractor mounting; all types and sizes

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>$ 6.25 for all sizes of V-tree cutters |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**TRENCH BOX**

Steel or aluminum, single or double wall; all lengths and depths; including braces
NOTE: Area equals depth times length

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.1615 times the area in square meters of the box plus $ 1.30*<br><br>($ 0.015 times the area in square feet of the box plus $ 1.30) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.900 x 0.50 |

**TRENCHER**

Chain type, diesel powered; crawler mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.05938 times the rating in watts divided by 100 of the trencher plus $ 7.60*<br><br>($ 0.443 times the horsepower rating of the trencher plus $ 7.60) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.768 x 0.50 |

**TRENCHER continued**

Chain type, diesel powered; wheel mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.04879 times the rating in watts divided by 100 of the trencher*<br><br>($ 0.364 times the horsepower rating of the trencher) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.735 x 0.50 |

Wheel type, diesel powered; crawler or rubber tired

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Calculated upon request*<br><br>Rate may be obtained by filling out the EQUIPMENT EXPENSE RATE DATA SHEET and submitting it to the appropriate District Office. |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.836 x 0.50 |

**TRIMMER**

Concrete, diesel powered; costs for replacing cutting teeth not included; all makes and models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 31.53 times the trimming width in meters*<br><br>($ 9.61 times the trimming width in feet) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.782 x 0.50 |

Cutting teeth, for all makes and models of trimmers

| | |
|---|---|
| REIMBURSEMENT RATE = | *Calculated in the field*<br><br>The contractor shall be reimbursed for teeth by subtracting the salvage value from the actual cost of the cutting teeth. |
| STANDBY HOURLY RATE = | Upon Request |

**TRUCK**

Aerial bucket, diesel or gasoline powered; including personnel basket

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.8025 times the GVW in kilograms divided by 1000 of the truck plus $ 1.35 times the boom length in meters plus $ 6.45*<br><br>($ 0.364 times the GVW in pounds divided by 1000 of the truck plus $ 0.41 times the boom length in feet plus $ 6.45) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.455 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.279 x 0.50 (Gasoline) |

Flatbed, stakebody or cabin chassis, diesel or gasoline powered; all models; 4x2, 6x4, etc.

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.8025 times the GVW in kilograms divided by 1000 of the truck plus $ 9.00*<br><br>($ 0.364 times the GVW in pounds divided by 1000 of the truck plus $ 9.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.455 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.279 x 0.50 (Gasoline) |

Light duty, diesel or gasoline powered; pickup or van; with conventional or crew cab; 4x2 or 4x4; from 0.453 tonne (1/2 ton) to and including 0.907 tonne (1 ton)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all models*<br><br>($ 8.68 for all makes and models) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.551 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.412 x 0.50 (Gasoline) |

Post driver, diesel or gasoline powered, without auger; hydraulic or drophammer

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.7297 times the GVW in kilograms divided by 1000 of the truck plus $ 37.10*<br><br>($ 0.331 times the GVW in pounds divided by 1000 of the truck plus $ 37.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.842 x 0.50 |

**TRUCK continued**

Post driver, diesel or gasoline powered, with auger; hydraulic or drophammer

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.7297 times the GVW in kilograms divided by 1000 of the truck plus $ 42.05*<br><br>($ 0.331 times the GVW in pounds divided by 1000 of the truck plus $ 42.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.842 x 0.50 |

Rear dump, off highway, articulated, diesel powered, all models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.02855 time the rating in watts of the truck divided by 100 plus $ 6.10*<br><br>($ 0.213 times the horsepower rating of the truck plus $ 6.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.638 x 0.50 |

Rear dump, off highway, mechanical drive, diesel powered, all models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.01836 times the rating in watts of the truck divided by 100 plus $ 20.50*<br><br>($ 0.137 times the horsepower rating of the truck plus $20.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.611 x 0.50 |

Rear dump, on highway, diesel or gasoline powered; all models

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.9634 times the maximum GVW in kilograms divided by 1000 of the truck plus $ 11.35*<br><br>($ 0.437 times the maximum GVW in pounds divided by 1000 of the truck plus $ 11.35) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.464 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.342 x 0.50 (Gasoline) |

**TRUCK continued**

Service or line, diesel or gasoline powered; with any combination of: generator, lift boom, fuel or water tank, welder, air compressor, winch, shop tools, etc.

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.8025 times the GVW in kilograms divided by 1000 of the truck plus $ 12.20*<br><br>($ 0.364 times the GVW in pounds divided by 1000 of the truck plus $ 12.20) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.455 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.279 x 0.50 (Gasoline) |

Tractor, diesel or gasoline powered; all types; 4x2, 4x4, 6x4, etc.

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.1023 times the GVW in kilograms divided by 1000 of the tractor plus $ 7.05*<br><br>($ 0.50 times the GVW in pounds divided by 1000 of the tractor plus $ 7.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.487 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.296 x 0.50 (Gasoline) |

Water tanker, diesel powered; all models; 4x2, 6x4, etc.

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 2.378 times the capacity in liters divided by 1000 of the tank minus $ 6.05*<br><br>($ 9.00 times the capacity in gallons divided by 1000 of the tank minus $ 6.05) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.552 x 0.50 |

Water tanker, gasoline powered, all models, 4x2, 6x4, etc.

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.784 times the capacity in liters divided y 1000 of the tank plus $14.10*<br><br>($ 2.966 times the capacity in gallons divided by 1000 of the tank plus $14.10) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.407 x 0.50 |

**TUBE FINISHER**

Concrete, diesel powered; all makes and models; finishing width 6.1 m (20 ft) to 12.2 m (40 ft)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Flat rate for all types*<br><br>($ 28.15 for all models) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.737 x 0.50 |

**WELDER**

Portable, electric powered; trailer mounted; electric costs not included

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.015 times the strength of the electric current in coulombs minus $ 0.76*<br><br>($ 0.015 times the strength of the electric current in amperes minus $ 0.76) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.837 x 0.50 |

Portable, diesel or gasoline powered; trailer mounted

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 0.0269 times the strength of the electric current in coulombs minus $ 1.19*<br><br>($ 0.0269 times the strength of the electric current in amperes minus $ 1.19) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.424 x 0.50 (Diesel)<br>Hourly Expense Rate x 0.377 x 0.50 (Gasoline) |

**WORK PLATFORM**

Articulated boom, diesel powered; self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.624 times the maximum elevation in meters of the platform minus $ 2.66*<br><br>($ 0.495 times the maximum elevation in feet of the platform minus $ 2.66) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.767 x 0.50 |

**WORK PLATFORM continued**

Articulated boom, electric powered; self propelled; including batteries

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.3353 times the maximum elevation in meters of the platform minus $ 4.14*<br><br>($ 0.407 times the maximum elevation in feet of the platform minus $ 4.14) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.777 x 0.50 |

Articulated boom, gasoline powered self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.5584 times the maximum elevation in meters of the platform minus $ 2.43*<br><br>($ 0.475 times the maximum elevation in feet of the platform minus $ 2.43) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.733 x 0.50 |

Scissor lift, diesel powered; Self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.1483 times the maximum elevation in meters of the platform plus $ 1.55*<br><br>($ 0.350 times the maximum elevation in feet of the platform plus $ 1.55) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.750 x 0.50 |

Scissor lift, gasoline powered; self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.1319 times the maximum elevation in meters of the platform plus $ 1.50*<br><br>($ 0.345 times the maximum elevation in feet of the platform plus $ 1.50) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.699 x 0.50 |

Scissor lift, electric powered; self propelled; including batteries

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.2861 times the maximum elevation in meters of the platform minus $ 4.00*<br><br>($ 0.392 times the maximum elevation in feet of the platform minus $ 4.00) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.775 x 0.50 |

**WORK PLATFORM continued**

Telescopic boom, electric powered; self propelled; including batteries

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.5059 times the maximum elevation in meters of the platform minus $ 1.44 to a maximum of 12.2 meters*<br><br>($ 0.459 times the maximum elevation in feet of the platform minus $ 1.44 to a maximum of 40 feet) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.761 x 0.50 |

Telescopic boom, diesel powered; self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.834 times the maximum elevation in meters of the platform plus $ 0.55*<br><br>($ 0.559 times the maximum elevation in feet of the platform plus $ 0.55) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.765 x 0.50 |

Telescopic boom, gasoline powered; self propelled

| | |
|---|---|
| HOURLY EXPENSE RATE = | *$ 1.6404 times the maximum elevation in meters of the platform plus $ 4.70)*<br><br>($ 0.50 times the maximum elevation in feet of the platform plus $ 4.70) |
| STANDBY HOURLY RATE = | Hourly Expense Rate x 0.731 x 0.50 |

## Appendix A
## Calculation Examples
(Standby calculation examples in English only)

**BUCKETS**
Given: a 4.21 $m^3$ (5.5 $yd^3$) laydown, lightweight, manual concrete bucket

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Metric: $ 1.197 TIMES 4.21 PLUS $ 0.54 EQUALS $ 5.58* |
| | English: ($ 0.915 TIMES 5.5 PLUS $ 0.54 EQUALS $ 5.57) |
| STANDBY HOURLY RATE = | ($ 5.57 TIMES 0.871 TIMES 0.50 EQUALS $ 2.43) |

**COMPRESSOR**
Given: a rotary –screw type 10.6 $m^3$ (375 $ft.^3$), diesel powered, 4 wheel, pneumatic tired portable air compressor

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Metric: $ 1.201 TIMES 10.6 PLUS $ 3.30 EQUALS $ 16.03* |
| | English: ($ 0.034 TIMES 375 PLUS $ 3.30 EQUALS $ 16.05) |
| STANDBY HOURLY RATE = | ($ 16.05 TIMES 0.476 TIMES 0.50 EQUALS $3.82) |

**CRANE**
Given: a hydraulic, self-propelled, diesel powered crane with a 33.5 m (110 ft) boom and a lifting capacity of 45.4 tonne (50 ton)

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Metric: $ 1.941 TIMES 45.4 PLUS $ 11.05 EQUALS $ 99.17* |
| | English: ($ 1.761 TIMES 50 PLUS $ 11.05 EQUALS $ 99.10) |
| STANDBY HOURLY RATE = | ($ 99.10 TIMES 0.638 TIMES 0.50 EQUALS $31.61) |

**DISTRIBUTOR**
Given: a trailer mounted, 3,785.4 liter (1,000 gallon), bituminous distributor

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Metric: $ 1.744 TIMES 3,785.4 DIVIDED BY 1000 PLUS $ 6.50 EQUALS $ 13.10* |
| | English: ($ 6.60 TIMES 1000 DIVIDED BY 1000 PLUS $ 6.50 EQUALS $ 13.10) |
| STANDBY HOURLY RATE = | ($ 13.10 TIMES 0.718 TIMES 0.50 EQUALS $4.70) |

**Appendix A**
**Calculation Examples Continued**
(Standby calculation examples in English only)

**EXCAVATOR**
Given: a crawler mounted, diesel powered, 1.15 $m^3$ (1.5 $yd^3$), 149,120 W (200 hp) standard model, hydraulic elevator

HOURLY EXPENSE RATE = *Metric: $ 0.048 TIMES 149,120 DIVIDED BY 100 PLUS $ 2.235 TIMES 1.15 PLUS $ 2.10 EQUALS $ 76.25*

English:($ 0.358 TIMES 200 PLUS $ 1.71 TIMES 1.5 PLUS $ 2.10 EQUALS $ 76.27)

STANDBY HOURLY RATE = ($ 76.27 TIMES 0.673 TIMES 0.50 EQUALS $25.66)

**GENERATOR**
Given: a large, unhoused, water cooled, diesel powered, 159,560 W (214 hp), 150 kilowatt generator

HOURLY EXPENSE RATE = *Metric: $ 0.131 TIMES 150 PLUS $ 3.55 EQUALS $ 23.20*

English:($ 0.131 TIMES 150 PLUS $ 3.55 EQUALS $ 23.20)

STANDBY HOURLY RATE = ($ 23.20 TIMES 0.270 TIMES 0.50 EQUALS $ 3.13)

**MOTOR GRADER**
Given: a diesel powered, 13,232 kg (29,170 lb), 111,840 W (150 hp) grader

HOURLY EXPENSE RATE = *Metric: $ 4.6296 TIMES 13,232 DIVIDED BY 1000 MINUS $ 18.55 EQUALS $ 42.71*

English:($ 2.10 TIMES 29,170 DIVIDED BY 1000 MINUS $ 18.55 EQUALS $ 42.71)

STANDBY HOURLY RATE = ($ 42.71 TIMES 0.618 TIMES 0.50 EQUALS $ 13.20)

**ROLLER**
Given: a pull type, pneumatic, 45.4 tonne (50 ton) static roller

HOURLY EXPENSE RATE = *Metric: $ 1.323 TIMES 45.4 MINUS $ 10.00 EQUALS $ 50.06*

English:($ 1.20 TIMES 50 MINUS $ 10.00 EQUALS $ 50.00)

STANDBY HOURLY RATE = ($ 50.00 TIMES 0.834 TIMES 0.50 EQUALS $ 20.85)

**Appendix A**
**Calculation Examples Continued**
(Standby calculation examples in English only)

**SCRAPER**
Given: a self-propelled, conventional, single engine, diesel powered

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Metric: $ 0.06247 TIMES 358,000 DIVIDED BY 100 MINUS $ 50.10 EQULS $ 173.59* |
| | English:($ 0.466 TIMES 480 MINUS $ 50.10 EQUALS $ 173.58) |
| STANDBY HOURLY RATE = | ($ 173.58 TIMES 0.614 TIMES 0.50 EQUALS $ 53.29) |

**TRACTOR**
Given: a diesel powered, 231,136 W (310 hp) wheel dozer

| | |
|---|---|
| HOURLY EXPENSE RATE = | Metric: $ 0.05027 TIMES 231,260 DIVIDED BY 100 MINUS $ 6.10 EQUALS $ 110.15<br>English:($ 0.375 TIMES 310 MINUS $ 6.10 EQUALS $ 110.15) |
| STANDBY HOURLY RATE = | ($ 76.48 TIMES 0.674 TIMES 0.50 EQUALS $ 25.77) |

**TRAILER**
Given: a dual wheel, 6.1 m (20 ft) long, drop deck, 63.5 tonne (70 ton) rated fixed gooseneck trailer

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Metric: $ 0.1671 TIMES 63.5 PLUS $ 4.45 EQUALS $ 14.74* |
| | English:($ 0.147 TIMES 70 PLUS $ 4.45 EQUALS $ 14.74) |
| STANDBY HOURLY RATE = | ($ 14.74 TIMES 0.599 TIMES 0.50 EQUALS $ 4.41) |

**TRUCK**
Given: a diesel powered, 4x2, 9,072 kg (20,000 lb) GVW, 130,480 W (175 hp) flatbed truck

| | |
|---|---|
| HOURLY EXPENSE RATE = | *Metric: $ 0.8025 TIMES 9,072 DIVIDED BY 1000 PLUS $ 9.00 EQUALS $ 16.28* |
| | English:($ 0.364 TIMES 20,000 DIVIDED BY 1000 PLUS $ 9.00 EQUALS $ 16.28) |
| STANDBY HOURLY RATE = | ($ 16.28 TIMES 0.455 TIMES 0.50 EQUALS $ 3.70) (DIESEL)<br>($ 16.28 TIMES 0.279 TIMES 0.50 EQUALS $ 2.27) (GASOLINE) |

Illinois Department of Transportation

# Equipment Expense Rate Data

(For Equipment NOT Listed in the Schedule)

**Part I: To Be Filled Out by the Requesting Agency or Contractor:**

Contract _____

Name: _____

Addres _____

City: _____ State: _____ Zip Code: _____

Telephone _____

**Description of Equipment**

Type: _____

Make: _____ Model: _____

Year _____ Fuel _____ Horsepower _____

Size and/or _____

Remarks _____

_____

Purchase _____ Year _____

Estimated or Actual Annual Repair _____

Estimated or Actual Annual Usage of Equipment in Hours per _____

Additional _____

_____

_____

**(Upon Completion, Please submit to the appropriate District Office)**

**Part II: To be approved by the designated District Personnel Authorized by:**

District _____ Date _____ _____

District Engineer

When reviewed, signed and dated, please submit to the appropriate central bureau:

Construction: Attn: Contract Services Supervisor
Local Roads & Streets: Attn: Project Implementation Engineer

cc: District Project File